

### Abstract

1 A computer program product for compressing data files  
2 representative of an image document. The document includes  
3 color information and/or graphical information. The product  
4 is on a computer readable medium and includes instructions  
5 for causing a computer to provide a first image file at a  
6 first resolution and a second image file at a second  
7 resolution of said document with said second resolution  
8 being lower than said first resolution. The product causes  
9 a computer to process the first image file to convert the  
10 first image file into a text file representation of the  
11 document and compress the text file representation of the  
12 document to provide a first compressed file. The computer  
13 processes the second file to extract information  
14 corresponding to color information and graphics information.  
15 It compresses the second file using a second, different  
16 compression technique to provide a second compressed file  
17 corresponding to the image and the color information from  
18 the low resolution image file. The product causes a  
19 computer to store said first and second compressed files to  
20 provide a composite file corresponding to the compressed  
21 file of the document.